Why Should You Participate in a Source Water Protection Project?

Look at the statistics:

- Abandoned wells are one of the leading causes of groundwater contamination. There are an estimated 100.000 abandoned oil and gas wells and 150,000 abandoned water wells in Texas.
- Used oil from one oil change can contaminate up to 1,000,000 gallons
- Non-point source pollution (fertilizer, pesticides, animal waste) is the leading cause of water quality problems in the U.S.
- The average home can produce up to 100 pounds of hazardous waste in one year.
- Failing septic systems can contaminate the groundwater or surface water that you or your neighbors drink.

Also:

- Your water system may avoid or reduce costs from treatment, remediation, and litigation.
- Replacing a contaminated well can cost your water system more than \$25 a foot.
- You can get assistance in locating funding through grants and loans for implementing best management practices.
- All projects are recognized at the annual public drinking water conference and on the TCEQ Web site.
- This free service provided by the TCEQ only requires minimal resources from the water system.

To Find Out More:

Drinking Water Protection Team, MC-155 Texas Commission on Environmental Quality P.O. Box 13087 Austin, TX 78711-3087

E-mail: swpdata@tceq.state.tx.us

Phone: 512-239-4691

Or visit us on the Web: www.tceq.state.tx.us/goto/sourcewater



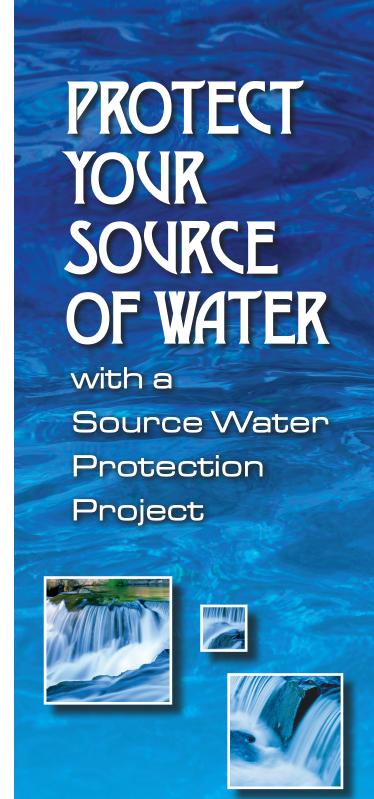
Drinking Water Protection Team Texas Commission on Environmental Quality

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What Is a Source Water Protection Project?

The TCEQ partners with

your water system to

set up a Source Water

Protection Project for

little or no cost. The

project identifies potential

sources of contamination

and recommends best

management practices

to prevent pollution from

entering your drinking

water source.

How Can a Source Water Protection Project Help Your Water System?

- Protect your drinking water source from contamination
- Offer free technical assistance to your water system
- Provide education and outreach materials
- Assist in developing a source water protection plan
- Recommend best management practices
- Provide presentations for local officials and the public
- Offer examples of contingency plans, ordinances, and best management practices
- Identify funding opportunities

A Source Water Protection Project Includes:

- A stakeholders' planning meeting, which introduces the project to all interested parties.
- A map outlining the source water protection area, including locations of all sources of drinking water (wells, lakes, springs, etc.)
- A list of potential sources of contamination, created by TCEQ and then verified on the ground by your water system
- Site specific measures that may be initiated by your water system. These measures may include public education and best management practices for each source water protection area
- A contingency plan that provides a strategy for supplying safe water to consumers in the event of contamination or disruption in service



Potential Sources of Contamination

Airport

Animal Feeding Operation Auto Parts (New or Used) Auto Repair, Sales, Salvage Battery Mfg., Sales Boat Ramp, Storage Cattle Dipping Vat

Cemetery

Cesspoo

Chemical Mixing Site, Storage Cotton Gin

Domestic Waste or Burn Pile

Dry Cleaner

Fertilizer Mfg., Sales, Application

Fireworks Mfg., Retail

Golf Course Grain Elevator

Gun Range

Holding Pond Holding Tank

Industrial Hazardous Waste Inorganic Chemical Industry Injection Well (Class I, II, III, V) Land Application Sludge

Lift Station

Livestock/Animal Pens

Marina

Metal Plating Industry Mined Land

Municipal Solid Waste

New or Used Oil Site Oil Field Sludge Disposal

Oil/Gas Production Tanks

Oil/Gas Well

Organic Chemical Industry
Paint Shop

Perchlorate Site

Pesticide Mfg., Sales, Application Petroleum Chemical Industry

Petroleum Storage Tank Photo Processing

Pipeline

Plastic Mfg., Sales

Pulp or Paper Mill Radiochemical Site

Septic System

Sugar Refining

Tire Sales, Repair Waste Transfer Station

Wastewater Outfall

Wastewater Treatment Plant Water Well

Wood Preserving